

CLAIMS

1. A portable cleaning assembly, the assembly including an elongate
5 reciprocal movement providing means, said means including an elongate
body and a carriage member movable in a reciprocal manner along a required
proportion of the body, a cleaning member mounted on the carriage for
cleaning an item, the assembly also including a first engagement member
engageable with an item to be cleaned towards a first side of the item, and a
10 second engagement member engageable with the item towards an opposite
side thereof, the second engagement member being adjustably mounted on
said elongate body so as to be provided at a required spacing from the first
engagement member for a particular item to be cleaned.
- 15 2. An assembly according to claim 1, characterised in that the second
engagement member is slidably mounted on the elongate body.
3. An assembly according to claims 1 or 2, characterised in that means
are provided for locking the second engagement member at a required
20 position on the body.
4. An assembly according to any of the preceding claims, characterised in
that the first and/or second engagement members include height adjustment
means engageable with the item to provide the cleaning member at a required
25 spacing from the item.
5. An assembly according to any of the preceding claims, characterised in
that the reciprocal movement providing means includes a selectively rotatable
endless line means located in the body, with the carriage member attached to
30 the line means.

6. An assembly according to claim 5, characterised in that the line means is a belt or chain.

5 7. An assembly according to any of the preceding claims, characterised in that the reciprocal movement providing means includes clutch means such that the carriage member will not move if a resistive force above a predetermined level is encountered.

10 8. An assembly according to any of the preceding claims, characterised in that the speed of reciprocal movement is selectively adjustable.

9. An assembly according to any of the preceding claims, characterised in that the cleaning member includes means for projecting fluid onto the item.

15 10. An assembly according to claim 9, characterised in that the fluid is any of steam, water or other liquid, or air.

11. An assembly according to any of the preceding claims, characterised in that the cleaning member is engageable with the item.

20 12. An assembly according to claim 11, characterised in that the cleaning member includes any of a rotating or fixed brush, vacuum system, or scraper.

25 13. An assembly according to any of the preceding claims, characterised in that the assembly includes a removable safety cover.

14. An assembly according to claim 13, characterised in that the assembly is configured so as to only be operable when the safety cover is in place.

30 15. An assembly according to claims 13 or 14, characterised in that the safety cover is locatable in formations on the first and second engagement members.

16. An assembly according to claim 15, characterised in that the formations are slots.

5 17. An assembly according to any of the preceding claims, characterised in that the proportion of the elongate body along which the carriage moves is adjustable

10 18. An assembly according to claim 17, characterised in that the proportion of the elongate body along which the carriage moves is manually adjustable.

15 19. An assembly according to claims 17 or 18, characterised in that one or more sensors is provided on the elongate body to detect the position of the carriage to cause a required limitation of the movement thereof along the body.

20 20. An assembly according to any of claims 17 to 19, characterised in that the assembly is arranged such that the proportion of the elongate body along which the carriage moves is automatically determined by the location of the second engagement member on the elongate body.

25 21. A portable conveyor cleaning assembly, characterised in that the assembly is according to any of the preceding claims, with the first and second engagement members being locatable on respective side structures of a conveyor.